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TYNE PORT SANITARY AUTHORITY.

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

NEWCASTLE-UPON-TYNE:
ANDREW REID & COMPANY, LIMITED, PRINTING COURT BUILDINGS.

1925.

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Tyne Port Sanitary Authority.

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER, DATED 29TH MARCH, 1897.

Elected by the Corporation of Newcastle.

ALDERMAN GEORGE CHRISTOPHER COATES, J.P.
ALDERMAN DR. ADAM WILSON, J.P.
ALDERMAN A. SCOTT, J.P.
COUNCILLOR JOHN BARKER.
COUNCILLOR W. H. WOODMAN.
COUNCILLOR WALTER CUPIT PERCIVAL.
COUNCILLOR WILLIAM ROBERT WALLACE.
COUNCILLOR JAMES COURTNEY DOYLE.

Elected by the Corporation of Gateshead.

ALDERMAN WILLIAM CLOUGH (*Chairman*), J.P.
COUNCILLOR W. THIRLWELL.
COUNCILLOR J. McVAY.

Elected by the Corporation of South Shields.

ALDERMAN JOHN ROBERT LAWSON (*Vice-Chairman*), J.P.
ALDERMAN DR. ERNEST HENRY GIBBON, J.P.
ALDERMAN JOHN TAYLOR, O.B.E., J.P.

Elected by the Corporation of Tynemouth.

COUNCILLOR JOHN FRATER, J.P.
ALDERMAN J. T. PORTER, J.P.

Elected by the Corporation of Jarrow.

ALDERMAN JAMES DUDFIELD ROSE, J.P.

Elected by the Corporation of Wallsend.

ALDERMAN J. TIMLIN, J.P.
COUNCILLOR R. B. WEBSTER.

Elected by the Felling Urban District Council.

ALDERMAN PATRICK BENNETT.

Elected by the Hebburn Urban District Council.

ALDERMAN BERNARD KELLY, J.P.

Elected by the Blaydon Urban District Council.

COUNCILLOR S. C. DONNELLY.

Elected by the Newburn Urban District Council.

COUNCILLOR T. SHARP.

Elected by the Whickham Urban District Council.

COUNCILLOR J. W. DODDS.

Officers:

Medical Officer of Health	W. EDMUND HARKER, O.B.E., V.D., M.D., B.S., D.HY.
Clerk	JOHN ENGLISH.
Treasurer	WILLIAM DEANS FORSTER.
Sanitary Inspector	JOHN RUSSELL, M.B.E., Cert. Royal Sanitary Institute.
Assistant Inspectors	T. W. STURDY, Cert. Sanitary Institute; R. B. CLARK, Cert. Sanitary Institute; H. M. COATS, Cert. Sanitary Institute; and NORMAN PARK, Cert. Sanitary Institute.
Rat Catcher	C. PARR.

Offices: Caledonian Buildings, 145, Pilgrim Street, Newcastle-upon-Tyne.
Inspector's Offices: Tyne Port Sanitary Authority, Mill Dam, South Shields.

Tyne Port Sanitary Authority.

Caledonian Buildings,
145, Pilgrim Street,
Newcastle-upon-Tyne,
February, 1926.

Mr. Ald. William Clough, J.P.,
Chairman of the Tyne Port Sanitary Authority.

Sir,

I have the honour to present herewith my Annual Report for the year 1925, comprising returns of the work done and the measures adopted for the prevention of the importation of infectious diseases.

I wish to take this opportunity of offering you the congratulations of the Staff on your being appointed President of the Association of Port Sanitary Authorities. Such recognition of the interest you have taken in Port Sanitary work is an honour to the Tyne Port Sanitary Authority.

The return of the general sanitary work which was carried out by Inspector Russell and his five assistants show 8,937 arrivals in the Tyne Ports during the year. Of these arrivals 8,242 were inspected, which includes all the important arrivals from foreign ports.

There were no cases of Cholera, Yellow Fever, or Plague during the year.

I am, Sir,

Your obedient Servant,

WILLIAM EDMUND HARKER.

TYNE PORT SANITARY AUTHORITY.

Report of the Medical Officer of Health for the Year ended 31st December, 1925.

During 1925, 2 patients have been treated in Walkergate Hospital. The subjoined Table gives particulars as to the cases and their issue :—

TABLE I.

City Infectious Hospital, Walkergate.

Date of Admission.	Disease.	Cases Admitted.	Name of Vessel.	Where from.	Result.
Aug. 30th ...	Scarlet Fever	1	s.s. "Colwith Force"	Fleetwood ...	Discharged, Oct. 12th.
Oct. 7th ..	,, ,, ...	1	s.s. "Cairnmona"	Montreal	,, Nov. 19th.
		2			

Vessels boarded by the Medical Officer of Health.

74 vessels have been visited by Medical Officer of Health on account of reported or suspected sickness on board.

The following table gives the list of vessels boarded during 1925 by the Medical Officer of Health on account of disease on board during the voyage, or at the time of arrival in the Tyne :—

TABLE II.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	Remarks.
Jan. 3	s.s. "Krakataw"	Dutch	Middlesbrough	Tonsilitis	One of the firemen was examined, and found to be suffering from tonsilitis. Medical treatment recommended.
,, 13	s.s. "Achatina" ...	British	Stockholm	Retention of Urine	One of the Chinese seamen was examined and found to be suffering from retention of urine. He was removed to the Jubilee Hospital for medical treatment.
,, 14	s.s. "Lom" ..	Norwegian	Carthagena	Syphilis	Two of the crew were examined, and found to be suffering from syphilis. They were removed to the Union Hospital, Newcastle, for medical treatment.
,, 22	s.s. "Balder"	Swedish....	Gothenborg	Appendicitis	One of the seamen was examined, and found to be suffering from appendicitis. He was removed to the Newcastle Infirmary for treatment.
,, 29	s.s. "Prussia"	German	Riga, Hartlepool	Non-infectious	Two of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
Feb. 3	s.s. "Port Nicholson"	British	London	Bronchial Cold....	The Pilot was examined and found to be suffering from bronchial cold. He was sent home for medical treatment.
,, 5	s.s. "Kauldi"	Spanish	Rotterdam	Colds	Two of the crew were examined, and found to be suffering from colds. Medical treatment recommended.
,, 11	s.s. "Margaret Coughlan"	British	Antwerp, Middlesbro'	Non-infectious	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 15	s.s. "Rostock"	German	Rotterdam	Accident	One of the seamen was examined, and found to be suffering from accident, injured ribs. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	Remarks.
Feb. 21	s.s. "New Londoner"	British ...	In Tyne	Smallpox	The Medical Officer of Health boarded this vessel and examined the crew of 27 hands and found them all well and re-vaccinated them owing to a case of smallpox breaking out on board during her repairing in the Tyne.
,, 25	s.s. "Kamo"	Russian	Leningrad, Hamburg	Non-infectious	The Medical Officer of Health examined the crew of 30 hands and found three of the firemen suffering from non-infectious complaints. Medical treatment recommended.
March 2	s.s. "Malmen"	Swedish....	Gothenborg	Influenza	The Second Engineer was examined, and found to be suffering from influenza. Medical treatment recommended.
,, 9	s.s. "Sheaf Field"	British	Rotterdam	Gonorrhoeal rheumatism	One of the firemen was examined, and found to be suffering from gonorrhoeal rheumatism. He was sent home for medical treatment.
,, 9	s.s. "Ena de Larrinaga"	British	Dantzic	Bronchial cold	One of the firemen was examined, and found to be suffering from bronchial cold. Medical treatment recommended.
,, 11	s.s. "Natica"	British	Balik Papan Granton	Epididymitis Phymosis	Two of the Chinese crew were examined, one found suffering from epididymitis, and the other from phymosis. They were removed to the Union Hospital, North Shields, for medical treatment.
,, 11	s.s. "Forestgate"	British	St. Malo	Acute rheumatism	One of the firemen was examined, and found to be suffering from acute rheumatism. He was removed to the Union Hospital, North Shields, for medical treatment.
,, 19	s.s. "Bard"	Swedish....	Alexandria, London	Septic throat	One of the seamen was examined, and found to be suffering from septic throat. Medical treatment recommended.
April 4	s.s. "Newtonia"	British	London	Non-infectious	One of the seamen was examined, and found to be suffering from non-infectious complaint. Medical treatment recommended.
,, 8	s.s. "Dubravka"	Jugo Slav	Alexandria, Algiers	Infected port	The Medical Officer of Health boarded this vessel on arrival and examined the crew of 31 hands and found them all well.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	Remarks.
April 9	s.s. "Annie Hugo Stinnes"	German	Harburg	Accident	One of the seamen was examined and found to be suffering from accident, injured ribs. Medical treatment recommended.
,, 10	s.s. "Manora"	British	Calcutta, Antwerp	Non-infectious	Four of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 14	s.s. "El Lobo"	British	Hull	Non-infectious	Three of the Chinese crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 15	s.s. "Oria"	Norwegian	London	Accident	One of the seamen was examined, and found to be suffering from accident. Medical treatment recommended.
,, 17	s.s. "Schieland"	Dutch	Rotterdam	Disordered stomach	One of the seamen was examined and found to be suffering from disordered stomach. Medical treatment recommended.
,, 20	s.s. "Leonid Krassin"	British	Ghent	Orchitis	One of the seamen was examined, and found to be suffering from orchitis. He was removed to the Union Hospital, South Shields, for medical treatment.
,, 27	s.s. "Blenda"	Norwegian	Middlesbro'	Accident	The Mess Room boy was examined, and found to be suffering from accident. He was sent home for medical treatment.
May 15	s.s. "Nyland"	Swedish....	Rotterdam	Non-infectious	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 15	s.s. "Severnmede"	British	Rosario	Infected port	The Medical Officer of Health boarded this vessel and examined the crew of 29 hands and found them all well.
,, 15	s.s. "City of Bagdad"	British	Antwerp	Urticaria	One of the apprentices was examined and found to be suffering from urticaria. Medical treatment recommended.
,, 20	s.s. "Amalthus"	British	Novorossisk, London	Non-infectious	Two of the crew were examined and found to be suffering from non-infectious complaints. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	Remarks.
May 23	s.s. "Budapest"	Italian	Cherbourg....	Non-infectious	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 27	s.s. "Kinkasan Maru"	Japanese	Antwerp	Non-infectious	Five of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
June 4	s.s. "Manu"	Spanish	Middlesbro'	Abscess	One of the firemen was examined, and found to be suffering from abscess. Medical treatment recommended.
5	s.s. "Melania"	British	Libau	Non-infectious	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 22	s.s. "Trophon"	British	Curaçoa, London	Non-infectious	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 24	s.s. "Demetrious Boulgaria"	Greek	Rotterdam	Bronchial colds	Two of the seamen were examined, and found to be suffering from bronchial colds. Medical treatment recommended.
,, 24	s.s. "Kari Skogland"	Norwegian	Monte Video, Sandyfjord	Varicose veins	The purser was examined and found to be suffering from varicose veins. He was sent home for medical treatment.
July 7	s.s. "Magdalena R. de Garcia"	Spanish	Middlesbro'	Rheumatism	The Second Officer was examined, and found to be suffering from rheumatism. He was removed to the Union Hospital, South Shields, for medical treatment.
,, 7	s.s. "Ulrikka"	Norwegian	Huelva	Gonorrhoeal rheumatism	One of the seamen was examined and found to be suffering from gonorrhoeal rheumatism. He was sent home for medical treatment.
,, 9	s.s. "Cairntorr"	British	Montreal	Eczema	One of the seamen was examined, and found to be suffering from eczema. Medical treatment recommended.
,, 24	s.s. "Ensign Maurice Prichac"	French	Rotterdam	Non-infectious	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	Remarks.
July 30	s.s. "Litiopa"	British	Aberdeen	Non-infectious	Two of the Chinese crew were examined and found to be suffering from non-infectious complaints. Medical treatment recommended.
Aug. 6	Steam Trawler "Lord Carson"	British	Hull	Stab in face	The Engineer was examined, and found to be suffering from stab in the face. He was removed to the Ingham Infirmary, South Shields, for medical treatment.
,, 9	Fishing Vessel "Voorwarts"	Dutch	Katwijk	Abscess in mouth	One of the fishermen was examined, and found to be suffering from abscess in the mouth. Medical treatment recommended.
,, 21	s.s. "Atlantic City"	British	Port Said	Stomach complaint	The Medical Officer of Health examined the crew of 40 hands, and with the exception of one seaman suffering from stomach complaint, found all well.
,, 24	s.s. "Milton Star"	British	Bremerhaven"	Accidents	Two of the crew were examined, and found to be suffering from accidents. Medical treatment recommended.
,, 25	s.s. "Albion Star"	British	In Tyne	Influenza	The cook was examined and found to be suffering from influenza. Medical treatment recommended.
,, 28	s.s. "Corbrae"	British	London	Influenza	One of the Lascar firemen was examined and found to be suffering from influenza. Medical treatment recommended.
,, 30	s.s. "Colwith Force"	British	Fleetwood....	Scarlet fever	The Steward's wife and child of 5 years old, on a visit to the ship, were examined and the boy was found to be suffering from scarlet fever. He was removed to the Walkergate Hospital for medical treatment, and the cabin disinfected.
Sept. 10	s.s. "Acasta"	British	Trinidad, via Aberdeen	Non-infectious	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 12	s.s. "Sylvia de Larrinaga"	British	Dantzic	Injured foot	One of the firemen was examined, and found to be suffering from injured foot. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel	Nationality.	Where from.	Nature of Sickness.	Remarks.
Sept. 13	s.s. "Brasilien"	Danish	Philadelphia	Gastritis	The Cook was examined and found to be suffering from gastritis. He was removed to the Ingham Infirmary, South Shields, for medical treatment.
,, 21	s.s. "Sylvia de Larrinaga"	British	In Tyne	Gastritis	The Fourth Engineer was examined and found to be suffering from gastritis. He was sent home for medical treatment.
Oct. 9	s.s. "Shirala"	British	In Tyne	Colds	Four of the Asiatic crew were examined, and found to be suffering from colds. Medical treatment recommended.
,, 12	s.s. "Francaise"	French	St. Malo	Abscess	The Captain was examined, and found to be suffering from abscess. He was removed to the Jubilee Hospital, North Shields, for medical treatment.
,, 13	s.s. "Shirala"	British	In Tyne	Pleurisy and pneumonia	One of the Asiatic seamen was examined and found to be suffering from pleurisy and pneumonia. He was removed to the Jubilee Hospital, North Shields, for medical treatment. The case proved fatal.
,, 22	s.s. "Moto"	British	Rouen	Influenza	The Master was examined, and found to be recovering from influenza. He was sent home for medical treatment.
,, 21	s.s. "Epidaura"	Jugo Slav	Harburg	Non-infectious	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
Nov. 4	s.s. "Bizkargi Mendi"	Spanish	Bremen	Non-infectious	One of the seamen was examined and found to be suffering from non-infectious complaint. Medical treatment recommended.
,, 9	s.s. "City of Madrid"	British	Dunkirk	Boils	Two of the Asiatic firemen were examined, and found to be suffering from boils. They were removed to the Union Hospital, South Shields for medical treatment.
,, 11	s.s. "Clan Macnair"	British	Antwerp	Non-infectious	Four of the native crew were examined and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 19	s.s. "Achatina"	British	Hamburg	Non-infectious	Four of the Lascar seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 21	Motor Ship "Norma"	Norwegian	Eggersund	Tonsilitis	One of the seamen was examined, and found to be suffering from tonsilitis. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness	Remarks.
Nov. 25	s.s. "Twyford"	British	Put back for weather	Accidents	The Second Mate and Carpenter were examined, and found to be suffering from accidents, broken legs. They were removed to the Jubilee Hospital, North Shields, for medical treatment.
,, 26	s.s. "Mytilus"	British	Stockholm	Non-infectious	Two of the Malay crew were examined, and found to be suffering from non-infectious complaints. They were removed to the Union Hospital, North Shields, for medical treatment.
Dec. 4	s.s. "Knowsley Hall"	British	Hamburg	Hydrocele	The Chief officer was examined, and found to be suffering from hydrocele. He was sent home for medical treatment.
,, 9	s.s. "Evanger"	Norwegian	Bremen	Non-infectious	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 11	s.s. "City of Pekin"	British	Hull	Non-infectious	Twelve of the Asiatic crew were examined and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 15	s.s. "Rio Claro"	British	Black Sea, Brake	Jaundice	The Second Engineer was examined, and found to be suffering from jaundice. He was sent home for medical treatment.
,, 15	s.s. "D. N. Rallias"	Greek	Hull	Feverish cold	One of the firemen was examined, and found to be suffering from feverish cold. He was removed to the Union Hospital, South Shields, for medical treatment.
,, 15	s.s. "City of Canterbury"	British	Hull	Non-infectious	Fourteen of the Asiatic seamen were examined and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 17	s.s. "Petricola"	British	Copenhagen	Venereal disease	Three of the Chinese crew were examined, and found to be suffering from venereal disease. They were removed to the Union Hospital, North Shields, for medical treatment.
,, 22	s.s. "City of Canterbury"	British	In Tyne	Pyorrhoea and Stomach complaint	Two of the Chinese crew were examined, one found suffering from pyorrhoea and the other from stomach complaint. They were removed to the Union Hospital, North Shields, for medical treatment.
,, 30	s.s. "Mar Mediterraneo"	Spanish	Bilboa	Accident	The Second Engineer was examined, and found to be suffering from burns. Medical treatment recommended.

GENERAL SICKNESS ON BOARD

The subjoined Table gives a return of cases of Sickness* reported by Masters notice of the Tyne Port Officials

DATE. 1925.	Smallpox or Suspected Smallpox.	Enteric or Typhoid Fever.	Malarial Fever.	Diarrhœa or Choleraic Diarrhœa.	Dysentery.	Diphtheria.	Scarlet Fever.	Scabies.	Heart Disease.	Consumption.	Rheumatism.	Influenza.	Rupture.	Appendicitis.	Pneumonia.	Bronchitis.	Pleurisy.	Cancer.	Blood Poisoning.	Skin Disease.
January	1	...	1	...	1	...	...	...	xx 2	...	2	...	...	2	1	3	2	...	4	...
February	2	2	1	1	1	1	...	2	x 1	...	1	5	1	2	2	3	1	...	1	...
March	...	...	1	1	1	...	...	...	x 1	1	2	1	...	1	...	1	...	...	1	1
April	1	...	...	...	1	...	...	...	2	x 5	3	x 3	3	1	1	...	1	...	2	...
May	x 2	2	4	...	1	...	...	...	x 2	...	...	4	3	...	...	...	...	...	3	3
June	...	...	3	...	...	1	...	...	...	2	2	1	...	2	x 1	2	...	x 1	1	...
July	1	...	2	...	1	...	...	...	...	2	2	1	...	3	...	1	1	...	1	1
August	...	...	1	...	...	...	o 1	...	...	...	4	1	...	...	...	...	...	...	2	...
September	...	...	12	...	1	...	...	...	1	x 3	4	...	...	2	x 4	1	...	...	5	...
October	...	3	...	3	...	...	o 1	...	...	...	3	2	1	1	1	...	...	...	1	...
November	...	...	x 4	...	...	...	...	...	1	1	1	...	1	1	...	...	...	...	1	1
December	...	...	6	...	...	...	...	...	...	1	7	1	...	1	1	4	...	1	...	...
TOTALS ...	7	7	35	5	7	2	oo 2	2	xxxxx 10	xx 15	31	x 19	9	16	xx 11	15	5	x 2	22	6

* The names of the Diseases during voyage are given as reported by the Masters of the Vessels.

VESSELS ARRIVING IN TYNE PORTS.

of Vessels as having occurred during the Voyage, or coming under the

in each month of the year 1925.

Venereal Disease.	Tonsilitis.	Disordered Stomach.	Abscesses.	Boils.	Accidents.	Feverish Colds.	Jaundice.	Asthma.	Gastritis.	Lumbago.	Indigestion.	Piles.	Insanity.	Debility.	Alcoholic Poisoning.	Kidney Disease.	Mumps.	Paralysis.	Undefined.	TOTALS.
8	...	5	2	1	16	10	...	...	x 1	...	...	1	1	1	x 1	...	...	...	4	70
7	...	2	1	2	x 17	8	...	...	1	1	...	...	...	...	...	...	3	...	4	73
9	2	4	...	2	17	9	3	...	...	...	...	...	...	...	...	...	...	...	2	60
5	...	4	...	...	13	6	...	...	1	3	2	2	1	...	...	...	...	...	8	68
6	1	4	...	1	x 18	8	1	...	...	...	2	...	1	...	...	...	...	...	13	79
4	...	1	...	2	x 18	4	...	...	...	...	4	...	...	1	...	1	...	2	5	58
4	2	3	1	...	x 11	3	...	...	1	...	1	1	2	1	...	...	...	...	7	53
5	3	1	1	...	20	2	...	1	...	...	1	...	...	...	...	...	...	...	3	46
11	...	4	...	6	xx 20	6	...	1	1	...	...	...	...	...	...	...	...	...	6	88
6	...	2	2	2	xxx 20	8	1	...	1	...	...	...	...	...	...	1	...	...	12	71
5	1	2	...	...	13	5	...	...	...	2	...	...	...	x 1	...	...	...	...	6	46
8	...	6	...	2	xx 17	12	4	1	...	...	...	...	...	...	x 1	1	...	...	6	80
78	9	38	7	18	xxxxxx xxxxx 200	81	9	3	x 6	6	10	4	5	x 4	xx 2	3	3	2	76	792

o Removed to Tyne Floating and Walkergate Hospitals.

x Deaths.

Vessels arriving from Infected or Suspected Ports.*

The following return shows the number of Vessels boarded in this Port by the Officers of the Port Sanitary Authority, on account of coming directly or otherwise from Foreign Ports infected, or suspected to be infected, with Cholera, Yellow Fever, Plague, or Smallpox :—

Months.	From Infected Ports.		From Suspected Ports.		Totals.
	Direct to the Tyne.	To the Tyne Indirectly.	Direct to the Tyne.	To the Tyne Indirectly.	
1925.	No. of Vessels.	No. of Vessels.	No. of Vessels.	No. of Vessels.	
January	2	55	—	16	73
February	1	47	—	12	60
March	2	47	3	18	70
April	3	51	2	31	87
May	2	59	1	28	90
June	9	29	2	24	64
July	—	34	—	25	59
August	1	29	1	14	45
September	1	32	1	14	48
October	2	34	1	13	50
November	2	29	—	19	50
December	—	40	—	21	61
Total	25	486	11	235	757

* See opposite page.

Vessels arriving in the Tyne from infected ports were boarded by the Officers of the Tyne Port Sanitary Authority, as under:—

Name of Ports.	Direct to the Tyne.	To the Tyne Indirectly.	Name of Ports.	Direct to the Tyne.	To the Tyne Indirectly.
Algiers ... §†	—	33	*Brought Forward* ...	10	264
Alexandria ... ...§	2	9	Karachi .. §‡†	—	15
Bassein ... ...§	—	4	Lisbon ... §†	2	11
Buenos Ayres §†	4	24	Leningrad ... ...*	3	14
Braila ... ‡†	—	2	Mauritius ... ...§	—	9
Barcelona ... ...†	2	17	Oran ... §†	—	26
Black Sea ... ‡†	2	57	Oporto ... ...†	1	12
Bombay ... §‡†	—	11	Port Said ... §†	1	9
Calcutta ... §‡†	—	12	Persian Gulf ... §‡†	—	22
Colombo ... §‡†	—	8	Piræus ... ...§	1	5
Constantinople §†	—	2	Riga ... ...*	3	11
Canary Islands ...§	—	27	Rangoon ... §‡†	—	3
China ... ...§	—	6	Singapore ... §†	—	8
Dakar ... ...§	—	22	Tunis ... §†	—	18
Galveston ... ...§	—	6	Valencia ... ...†	4	59
Iquique ... ...§	—	24			
Carried Forward ...	10	264	Total	25	486

§ Plague. ‡ Cholera. † Smallpox. * Typhus.

SMALLPOX AND SUSPECTED SMALLPOX.

Date.	Name of Vessel.	From.	On Voyage	On or after Arrival.	Remarks.	Notes on Arrival in Tyne.
1925. Jan. 26	s.s. "City of Durham"	Hankow, Singapore, Colombo, Aden, Havre, London, Hamburg.	1		Left at Aden	Holds fumigated at Havre. Forecastles fumigated at London.
Feb. 2	s.s. "Hadrian"	London	1		Left at London	Vessel fumigated there.
,, 3	s.s. "Hadrian"	London		1	Removed to Hospital, Newcastle.	Vessel fumigated here.
April 8	s.s. "City of Naples"	Rangoon, Madras Coast, Colombo, Port Said, Marseilles, London, Antwerp.	1		Left at Porto Novo (near Madras)	Patient's quarters disinfected by crew. Vessel fumigated at Marseilles.
May 14	s.s. "Modasa"	Bombay, Karachi, Plymouth, Dunkirk.	1		Left at Bombay	Vessel fumigated there.
,, 18	s.s. "Grelhard"	Calcutta, Moulmein, Bassein, Port Said, Nordenham.	1		Left at Moulmein, Case proved fatal.	Vessel fumigated there.
July 2	s.s. "City of Brisbane"	Bombay, Suez, Port Said, Manchester, Hull.	1		Left at Port Said.	Vessel fumigated there.
			6	1		

ENTERIC OR TYPHOID FEVER.

Feb. 9	s.s. "Eastmoor"	Rosario, La Plata, Dunkirk Antwerp.	2		1 left at La Plata, 1 left at St. Vincent	Vessel disinfected there.
May 8	s.s. "Wentworth"	Bahia Blanca, Antwerp.	1		Left at St. Vincent	Freshwater tanks emptied and cleansed.
,, 15	s.s. "Blairlogie"	Mobile, Sante Fe, Falmouth, Antwerp.	1		Left at Falmouth	Vessel disinfected there.
Oct. 8	s.s. "Homecliffe"	Black Sea, Rotterdam, Bremen.		1	Removed to Hospital, South Shields	Vessel disinfected here.
,, 29	s.s. "Marinula"	Curaçoa, Thameshaven.	2		Left at London	Vessel disinfected there.
			6	1		

DIPHTHERIA.

Date.	Name of Vessel.	From.	On Voyage	On or after Arrival.	Remarks.	Notes on arrival in Tyne.
1925.						
Feb. 23	s.s. "Roseden"	Cape Town, Las Palmas, London.	1		Left at London	Vessel disinfected there.
June 19	s.s. "Meteor"	Bergen	1		Left at Bergen	Vessel disinfected there.
			2			

SCARLET FEVER.

Aug. 30	s.s. "Colwith Force"	Fleetwood		1	Removed to Walkergate Hospital.	Vessel disinfected. here.
Oct. 7	s.s. "Cairnmona"	Montreal		1	Removed to Walkergate Hospital.	Vessel disinfected here.
				2		

MALARIAL FEVER.

Date.	Name of Vessel.	From.	No. of Cases. On Voyage.	No. of Cases. On or after Arrival.
Jan. 31	s.s. "Newbigging"	Kotka, Hull	—	1
Feb. 5	s.s. "Margit"	Gambia, Hull	1	—
Mar. 24	s.s. "Aldworth"	Buenos Ayres, St. Vincent, Antwerp	1	—
May 15	s.s. "Sandgate"	Cuba, Dunkirk	1	—
,, 18	s.s. "Grelhard"	Calcutta, Moulmein, Bassein, Port Said, Nordenham.	1	—
,, 29	s.s. "Hannah"	Beira, Hamburg, London	2	—
June 2	s.s. "Kazempe"	Brisbane, Melbourne, Fremantle, Dunkirk, London, Hull, Leith.	1	—
,, 5	s.s. "Skiensfjord"	West Africa, Stavanger	1	—
,, 9	s.s. "Corsea"	Methil, Harburg	1	—
July 10	s.s. "Silarus"	Rio Grand do Sul, Santos, Rio Janeiro, Las Palmas, Havre, Liverpool, Barry.	1	—
,, 20	s.s. "Hatimuria"	Melbourne, Colombo, Port Said, Naples, Genoa, Middlesbrough.	1	—
Aug. 24	s.s. "Ilvington Court"	Newfoundland, Rotterdam	1	—
Sep. 15	s.s. "British Marshall"	Abadan, St. Nazaire, Rouen	1	—
,, 18	s.s. "Ilford"	Mauritius, Madagascar, Oslo	1	—
,, 23	s.s. "City of Cairo"	Calcutta, Colombo, Aden, London, Dunkirk.	9	—
,, 25	s.s. "Gelderland"	Amsterdam	1	—
Nov. 2	s.s. "City of Madrid"	Kobe, Hankow, Manilla, Singapore, Colombo, Havre, London, Dunkirk.	1	—
,, 2	s.s. "Gambia"	West Coast of Africa, Antwerp	2	—
,, 20	s.s. "Sapele"	West Coast of Africa, Hamburg	1	—
Dec. 2	s.s. "Fanfjeld"	Malaga, Dakar, Bremen	6	—
			34	1

DYSENTERY.

Date.	Name of Vessel.	From.	No. of Cases. On Voyage.	No. of Cases. On or after Arrival.
1925.				
Jan. 8	s.s. "City of Winchester"	Sydney, Fremantle, Dunkirk, Hull, London, Antwerp.	1	—
Feb. 19	s.s. "Cromerton"	Santa Fe, Rosario, Antwerp	1	—
Mar. 23	s.s. "Masirah"	Antwerp, Middlesbrough	—	1
April 7	s.s. "Scoresby"	Rosario, Liverpool, Dover	1	—
May 27	s.s. "King Bleddyn"	Cape Town, Las Palmas	1	—
July 1	s.s. "Wastness"	Montreal, Hull	1	—
Sep. 1	s.s. "Trevose"	Bombay, Hull, Antwerp	1	—
			6	1

DIARRHOEA, CHOLERAIC DIARRHOEA, AND SUSPICIOUS CASES.

1925.				
Feb. 20	s.s. "Salacia"	Calcutta, Colombo, Port Sudan, Algiers, Dundee, Antwerp.	1	—
Mar. 31	s.s. "Gwynmead"	Bombay, Port Said, Oran, Dundee, Dunkirk.	1	—
Oct. 16	s.s. "Sheaf Garth"	Hamburg	2	—
,, 16	s.s. "Blairmore"	Marseilles, Sveen Islands, (Canada) Rochester.	1	—
			5	—

Regulations as to Food Act, 1908.

Your Inspectors have regularly inspected the cargoes of vessels arriving in the Tyne and Albert Edward Docks, Gateshead Wharf, and at the Dunston Co-operative Flour Mills.

Tyne Dock.

The foodstuffs imported into this Dock during the year by steamers from the United States, Canada, Australia, Argentine, India and the River Plate have been inspected :—Wheat, 20,343 tons ; Oats, 1,930 tons ; and Maize, 780 tons. One consignment of 220 cases of eggs from Danzic.

Albert Edward Dock.

No foodstuffs were imported into this dock during the year 1925.

Gateshead Wharf.

The foodstuffs imported to this Wharf by steamers from Germany consist of :—Sugar, 12,957 tons 2 cwt. ; Potatoes, 9,450 tons 11 cwt. ; Eggs, 176 tons 1 cwt. ; Cauliflowers, 8 tons 3 cwt. ; Rice, 63 tons 16 cwt. ; Prunes, 9 tons 6 cwt. ; Horseradish, 7 tons 12 cwt. ; Corned Beef, 76 tons ; Carrots, 4 tons 8 cwt ; Bilberries, 67 tons 12 cwt. ; Tomatoes, 11 tons 1 cwt. ; Blackberries, 17 cwt. ; Lemons, 12 tons 16 cwt. ; Plums, 258 tons 7 cwt. ; Apples, 2 tons 17 cwt. ; Pears, 18 tons. ; Cherries, 2 tons 10 cwt.; Greengages, 2 tons 2 cwt. ; Bananas, 19 tons 9 cwt. ; Oranges, 53 tons 12 cwt. ; Peas, 354 tons 12 cwt. ; Onions, 36 tons 19 cwt. ; Sultanas, 58 tons 4 cwt. ; Yeast, 8 tons 9 cwt. ; Dessicated Cocoanut, 13 tons 13 cwt. ; Milk Powder, 1 ton 5 cwt. ; Rice Flour, 14 tons 17 cwt. ; Rock Salt, 50 tons ; Mustard, 2 tons 6 cwt. ; Chocolate, 4 cwt. ; Poultry, 1 cwt. ; Provisions, 2 qrs. ; Casings, 5 cwt. ; Guts, 3 cwt. ; Meat Preserves, 1 cwt. ; Out of 14 consignments 54 tons 14 cwt. Potatoes ; 4 stone Oranges ; and 1,206 lbs. Corned Beef were condemned and destroyed.

Dunston Flour Mills.

Wheat cargoes consisting of 58,402 tons were inspected at the Wharf of the above Mills from the United States, Canada, Argentine, Australia and India.

Mill Dam Wharf, South Shields.

Four cargoes of Potatoes consisting of 537 tons from Scotland have been inspected during the year. They were found in good condition.

Fish Quay, North Shields.

Vessels arriving with White Fish and Herrings have been inspected daily at the Fish Quay. The fish landed from the boats were found to be of good quality.

Special Cargoes Inspected.

Among the different cargoes examined by your Inspectors were the undermentioned :—

Description.	Wheat.	Fruit.	Maize.	Oats.	Onions.	Potatoes.	Barley.	Foreign and British Fish	Sugar.
Number of Consignments examined	85	55	11	17	6	6	1	1,172	3

Trade of the Tyne Ports.

The trade of the Tyne Ports is indicated by the following list of Ports to which vessels trade from the Tyne and include most countries of the world.

The chief imports are :—

Timber from Scandinavia, Canada and North America.
Agricultural and Dairy Produce from Denmark, Canada and North America.
Fruit from Spain.
Iron Ore from Spain and the North African Ports.
Sugar from North America and Continental Ports.
Frozen Meat from Australia, New Zealand, and Argentine.
Grain from Canada, River Plate, India and Australia.
Tinned Goods from Canada, North America, and Norway.
Oil from Persia and Mexico.

Exports.

Coal and Coke to all countries of the world.
Machinery and locomotives to Belgium, Russia, India and Australia.
Chemicals to all countries.
Textiles to Scandinavia.
Iron and Steel Goods to all European Countries.

There are regular sailings from the Tyne to Norway, Sweden, Denmark, Germany and Holland ; Coastwise trade with London, Liverpool, Hull, Middlesbrough, Aberdeen and Leith.

FORM A.

AMOUNT OF SHIPPING ENTERING THE TYNE PORT SANITARY DISTRICT DURING THE YEAR 1925.

		Number.	Tonnage.	Number Inspected. By the Med. Officer of Health.	Number Inspected. By the Sanitary Inspectors.	Number reported to be defective.	Number of Orders issued.
Foreign	Steamers	4,282	5,476,241	43	4,166	483	483
	*Motor	45	29,663	1	45	5	5
	Sailing	15	4,277	—	15	2	2
	Fishing	3	263	1	3	—	—
Total Foreign....		4,345	5,510,444	45	4,229	490	490
Coastwise	Steamers	4,519	3,581,194	28	3,937	363	363
	*Motors	39	22,955	—	39	5	5
	Sailing	37	9,195	—	37	3	3
	Fishing	8,658	293,521	1	1,169	43	43
Total Coastwise		13,253	3,906,865	29	5,182	414	414
Total Foreign and Coastwise		17,598	9,417,309	74	9,411	904	904

* Includes mechanically propelled vessels other than steamers.

The Nationalities of the Vessels were as follows :—

British	5,520
Norwegian	831
Swedish	320
Danish	303
Spanish	144
French	248
Russian	2
Greek	23
Dutch	335
Italian	51
Belgian	79
American	2
Jugo-Slav	21
Lithuanian	3
Finnish	9
Lettish	3
German	303
Japanese	6
Brazilian	1
Esthonian	7
Polish	1
Danzig	7
Iceland	1
Memel	2
Portuguese	6
Latvian	3
Peruvian	1
Chilian	1
Total	8,242

The Number of Vessels inspected during each year for the last 10 years has been as follows :—

1915	10,012
1916	7,343
1917	5,711
1918	5,683
1919	9,726
1920	9,946
1921	6,923
1922	10,025
1923	10,815
1924	10,076

The structural defects of Vessels observed include the following :—

	Cases.
Insufficient Ventilation	3
Water Tanks to clean	21
Paints to remove from Bow Locker	3
Defective Lighting	2
Defective Water Closets	94
Forecastle Deck Leaking	80
Side Scuttles to re-fit	305
Forecastle Flooring Defective	1
Defective Drainage	6
,, Bulkhead	4
,, Stoves	58
Defective Chain Casing	1
Total	578

The peaks, forecastles, water closets, and bilges of the vessels specified under were found in dirty condition. The orders given to cleanse same were fully complied with.

British Steamers	611
,, Sailing Vessels	3
,, Motor Vessels	4
,, Fishing Vessels	43
Foreign Steamers	235
,, Sailing Vessels	2
,, Motor Vessels	6
Total	904

Total number of crews of vessels visited by the Inspectors	188,294
,, ,, passengers ,, ,, ,, ,,	28,178
Tonnage of Steamers	8,708,435
Tonnage of Sailing Vessels	13,472
,, Motor ,,	52,618
,, Fishing ,,	68,851

In addition to the daily routine inspection of the sanitation of vessels, several special visits have to be made to many vessels on reports on sickness, and in some cases extensive precautions are required in dealing with actual cases of infectious diseases.

800 Revisits have been made by our Inspectors during the year, in order to have the above defects remedied to our satisfaction on written or verbal notice.

Water Boats and Water Supply to Ships in Port.

The water-boats, 18 in number, have been examined as usual, and the tanks found in good condition.

In 21 cases the *drinking water* of ships, which came from Ports infected, or suspected to be infected, with cholera, has been changed, and the purification of the tanks has been seen to by the Inspector, acting under the direction of the Medical Officer of Health.

Medical Inspection of Aliens at Tyne Ports.

Return of Vessels arriving with Alien passengers from 1st of January, 1925, up to 31st December, 1925.

The majority of Passenger vessels carrying Aliens arrive at Newcastle Quay where there is Office accommodation for the Immigration Staff and Medical examination rooms.

In the case of vessels arriving at other parts of the Port the examinations are carried out on board.

All Aliens arriving at Out Ports in the Tyne District, *i.e.*, AMBLE, BLYTH, SUNDERLAND, SEAHAM, MIDDLESBROUGH and WEST HARTLEPOOL, are temporarily landed to proceed to the Immigration Office, Newcastle, for examination.

There has been no alteration in the class of Aliens arriving in the Tyne Area during the past year. They are mostly Scandinavians of a healthy, cleanly type, in comfortable circumstances. They include Visitors, Business People and Students coming to learn English, also Contract Seamen and Transmigrants under bonds.

No infectious cases have occurred amongst Alien passengers during the year.

Month.	No. of Vessels.	Total No. Passengers.	No. British (Incl. in prev. col.)
1925.			
January	41	678	81
February	37	693	115
March	41	1,089	156
April	40	1,175	264
May	43	963	185
June ...	59	1,150	477
July	73	1,840	889
August	74	2,732	1,499
September	60	1,626	728
October	49	894	188
November	41	650	118
December	43	470	150
Total	601	13,960	4,850

Rats and Mice (Destruction Act), 1920.

4,538 rats were caught on 100 vessels and destroyed in the ships' furnaces during the year 1925.

The following instructions to Ship Captains have been printed on cards and are presented to the Officer-in-charge of each vessel inspected by your Staff.

Rats and Mice (Destruction Act), 1919.

This Act came into operation on 1st January, 1920.

Penalties for Failing to Destroy Rats and Mice.

Any person who shall fail to take such steps as may from time to time be necessary and reasonably practicable for the destruction of rats and mice on or in any land of which he is the occupier, or for preventing such land from becoming infested with rats and mice, shall be liable on summary conviction to a fine not exceeding Five Pounds, or where he has been served with a Notice under this Act requiring him to take such steps, not exceeding Twenty Pounds.

The expression "Occupier" means, in the case of land not occupied by any Tenant or other person the Owner of the land.

The expression "Land" includes any buildings, and any other erection on land, and any cellar, sewer, drain or culvert in or under land.

This Act shall apply to a Vessel as if the vessel were "Land" and the Master of the Vessel shall be deemed to be the "Occupier" thereof.

Nothing in this Act contravenes the powers possessed by the Port Sanitary Authority to deal with rats as a preventive measure against infectious diseases under which obstruction to an Officer of the Authority involves a penalty not exceeding £100, with an additional £50 for each day the obstruction continues.

Methods of Dealing with Rats on Shipboard.

The most effective method for destroying rats on shipboard is by fumigation with Sulphur Dioxide gas, and this method will be insisted upon when a vessel is considered to be definitely infested.

To prevent a vessel becoming infested it is essential that arrangements should be made for systematic trapping every time a vessel is in port; whilst at sea, the use of traps should be continued, or baits, treated with Barium Carbonate and Squills, prepared and laid down. Proprietary preparations of the latter can be purchased along with full directions respecting use. Messrs. Boots' "Rami" is reliable and easily obtained.

Ship stores and gear should be moved periodically to counteract harbouring; refuse, excepting ashes, should not be allowed to accumulate on deck when in port. Galley refuse and old bedding should be burnt.

Rat Guards must be fixed on the mooring ropes of all vessels from "Infected" Ports, and it is strongly recommended that other vessels adopt this precaution. Gangways should be efficiently lighted at night.

The keeping of cats on board ship is recommended.

Trapped rats must be drowned and then burnt.

No rats must be taken outside the dock gates either dead or alive.

Reliable rat catchers will be authorised by the Port Sanitary Authority, and as a condition of such authorisation will be required to produce certificates signed by an officer in charge to the effect that rats trapped by him have been satisfactorily destroyed.

It is not advisable to directly handle dead rats; they should be lifted on a shovel and thrown into a boiler furnace.

Any increase in the number of rats seen on a ship, or the finding of a succession of dead rats should be immediately reported to the Port Medical Officer.

Any further information respecting the obligations under this Act may be obtained on application at the Offices of the Authority.

William Edmund Harker,
Medical Officer of Health.

FORM B.

RATS DESTROYED IN 1925.

Number of	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year.
Black Rats	161	115	276	341	287	378	257	198	173	86	158	201	2,631
Brown Rats	67	401	346	366	157	92	84	134	70	119	138	56	2,030
Rats examined	228	516	622	707	444	470	341	332	243	205	296	257	4,661
Rats infected with plague	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	
Rats not infected	228	516	622	707	444	470	341	332	243	205	296	257	4,661

FORM C. PRECAUTIONS AGAINST PLAGUE.

Particulars relating to Vessels "Infected" or "Suspected," or from Infected Ports.

Name of Vessel.	Date of Arrival.	Whether Infected, Suspected, or from an Infected Port.	Methods of Rat Destruction employed.			Number of Rats Killed.	Whether a Certificate of Deratisation was Issued.	Remarks.
			Fumigation by Sulphur Dioxide.	Fumigation by Hydrocyanic Acid.	Trapping, Poisoning, etc.			
s.s. "Akira"	Jan. 9	Suspected	—	—	Trapping	28	No.	
s.s. "Browton"	,, 7	,,	—	—	,,	74	Yes.	
s.s. "Ravensworth"	,, 20	,,	—	—	,,	25	,,	
s.s. "City of Glasgow"	,, 22	,,	—	—	,,	19	No.	
s.s. "Dalworth"	,, 22	,,	—	—	,,	18	,,	
s.s. "Helmwige"	,, 26	,,	—	—	,,	4	Yes.	
s.s. "Lindenhall"	,, 26	,,	—	—	,,	60	,,	
s.s. "Wearbridge"	,, 13	,,	—	—	,,	121	,,	
s.s. "Starlight"	,, 23	,,	—	—	,,	38	,,	
s.s. "City of Durham"	,, 30	,,	—	—	,,	185	,,	
s.s. "Elswick Park"	Feb. 4	,,	Sulphur dioxide.	—		—	,,	
s.s. "Lacuna"	,, 5	,,	—	—	,,	32	No.	
s.s. "Royston Grange"	,, 8	,,	—	—	,,	23	,,	
s.s. "Eastmoor"	,, 9	,,	—	—	,,	22	Yes.	
s.s. "Vela"	,, 10	,,	—	—	,,	49	,,	
s.s. "Rostock"	,, 16	,,	—	—	,,	21	,,	
s.s. "Sutherland Grange"	,, 20	,,	—	—	,,	17	No.	
s.s. "Jose"	,, 24	,,	—	—	,,	8	Yes.	
s.s. "North Anglea"	,, 25	,,	—	—	,,	204	,,	
s.s. "Arcos"	,, 26	,,	—	—	,,	18	,,	
s.s. "Montreal Maru"	,, 28	,,	—	—	,,	16	,,	
s.s. "Highland Warrior"	Mar. 7	,,	—	—	,,	3	No.	
s.s. "Manchester City"	,, 10	,,	—	—	,,	36	,,	
s.s. "Benwood"	,, 16	,,	—	—	,,	30	Yes.	
s.s. "Comte de Flandre"	,, 19	,,	—	—	,,	25	,,	
s.s. "San Ricardo"	,, 19	,,	—	—	,,	20	No.	
s.s. "Highland Star"	,, 19	,,	—	—	,,	53	,,	
s.s. "Saxon Star"	,, 19	,,	—	—	,,	57	,,	
s.s. "Antiope"	,, 20	,,	—	—	,,	50	Yes.	
s.s. "Gleneden"	,, 27	,,	—	—	,,	57	No.	
s.s. "Ormer"	,, 27	,,	—	—	,,	16	,,	
s.s. "Cairngowan"	,, 31	,,	—	—	,,	35	,,	
s.s. "Sonderborg"	,, 31	,,	—	—	,,	2	Yes.	
s.s. "Glenpark"	,, 13	,,	Sulphur dioxide.	—	,,	—	,,	
s.s. "Willow Park"....	,, 29	,,	,,	—	,,	—	,,	

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FORM C. PRECAUTIONS AGAINST PLAGUE.—*Continued.*

Name of Vessel.	Date of Arrival.	Whether Infected, Suspected, or from an Infected Port.	Methods of Rat Destruction employed.			Number of Rats Killed.	Whether a Certificate of Deratisation was Issued.	Remarks.
			Fumigation by Sulphur Dioxide.	Fumigation by Hydrocyanic Acid.	Trapping, Poisoning, etc.			
s.s. "Northbrough"	April 1	Suspected	—	—	Trapping.	26	Yes.	
s.s. "Winnebago"	,, 6	,,	—	—	,,	14	No.	
s.s. "Nordfold"	,, 14	,,	—	—	,,	96	Yes.	
sail "Maria"	,, 16	,,	—	—	,,	83	,,	
s.s. "Seapool"	,, 20	,,	—	—	,,	138	,,	
s.s. "Anglo Mexican"	,, 22	,,	—	—	,,	66	No.	
s.s. "Severic"	,, 22	,,	—	—	,,	88	,,	
s.s. "Manora"	,, 22	,,	—	—	,,	49	,,	
s.s. "Cairndhu"	,, 28	,,	—	—	,,	53	,,	
s.s. "Taransay"	,, 28	,,	—	—	,,	74	Yes.	
s.s. "City of Adelaide"	,, 28	,,	Sulphur dioxide.	—	,,	20	,,	
s.s. "August"	May 1	,,	—	—	,,	107	,,	
s.s. "Royal Sceptre"	,, 16	,,	—	—	,,	35	,,	
s.s. "Murix"	,, 18	,,	—	—	,,	17	No.	
s.s. "Anglo Columbian"	,, 18	,,	—	—	,,	58	,,	
s.s. "City of Bagdad"	,, 12	,,	Sulphur dioxide.	—	—	—	Yes.	
s.s. "Absia"	,, 20	,,	—	—	,,	63	No.	
s.s. "Sutherland Grange"	,, 20	,,	—	—	,,	23	,,	
s.s. "Severnmede"	,, 25	,,	—	—	,,	89	Yes.	
s.s. "Yandiola"	,, 26	,,	—	—	,,	7	,,	
s.s. "Kinkasan Maru"	,, 29	,,	—	—	,,	23	,,	
s.s. "Bratton Castle"	,, 29	,,	Sulphur dioxide.	—	—	22	,,	
s.s. "Hannah"	June 19	,,	—	—	,,	24	,,	
s.s. "Thamesmede"	,, 23	,,	—	—	,,	82	,,	
s.s. "Darnley	,, 27	,,	—	—	,,	321	,,	
s.s. "Cairnross"	,, 29	,,	—	—	,,	43	No.	
s.s. "Jacov Svendlov"	July 7	,,	—	—	,,	20	Yes.	
s.s. "Headcliffe"	,, 8	,,	—	—	,,	72	,,	
s.s. "Cairngowan"	,, 8	,,	—	—	,,	55	No.	
s.s. "Afghanistan"	,, 10	,,	—	—	,,	154	Yes.	
s.s. "City of Winchester"	,, 13	,,	Sulphur dioxide.	—	—	—	,,	
s.s. "Cairntorr"	,, 17	,,	—	—	,,	35	No.	
s.s. "Pendeen"	,, 31	,,	—	—	,,	5	Yes.	
s.s. "Cairnross"	Aug. 8	,,	—	—	,,	40	No.	
s.s. "Benvannock"	,, 8	,,	—	—	,,	47	,,	
s.s. "Pareora"	,, 10	,,	Sulphur dioxide.	—	—	—	Yes.	

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FORM C. PRECAUTIONS AGAINST PLAGUE.—*Continued.*

Name of Vessel.	Date of Arrival.	Whether Infected, Suspected, or from an Infected Port.	Methods of Rat Destruction employed.			Number of Rats Killed.	Whether a Certificate of Deratisation was Issued.	Remarks.
			Fumigation by Sulphur Dioxide.	Fumigation by Hydrocyanic Acid.	Trapping, Poisoning, etc.			
s.s. "Queen Olga"	Aug. 18	Suspected	Sulphur dioxide.	—	—	—	Yes.	
s.s. "Litropa"	,, 20	,,	—	—	Trapping	8	No.	
s.s. "Saranac"	,, 21	,,	—	—	,,	17	,,	
s.s. "Eastway"	,, 21	,,	—	—	,,	95	Yes.	
s.s. "Meropi"	,, 18	,,	—	—	,,	24	,,	
s.s. "Ethelwolf"	,, 21	,,	—	—	,,	43	,,	
s.s. "Nidarholm"	,, 26	,,	Sulphur dioxide.	—	—	21	,,	
s.s. "Cairntorr"	,, 26	,,	—	—	,,	17	No.	
s.s. "King Howel"	,, 31	,,	—	—	,,	20	Yes.	
s.s. "Laristan"	Sept. 4	,,	Sulphur dioxide.	—	—	17	,,	
s.s. "Sutton Hall"	,, 4	,,	,,	—	—	—	,,	
s.s. "Portloe"	,, 9	,,	—	—	,,	9	,,	
s.s. "Afghanistan"	,, 12	,,	Sulphur dioxide.	—	—	—	,,	
s.s. "Gothic Star"	,, 12	,,	,,	—	—	20	,,	
s.s. "Fantu"	,, 17	,,	,,	—	—	11	,,	
s.s. "Royston Grange"	,, 18	,,	—	—	,,	10	No.	
s.s. "Ventura de Larrinaga"	,, 21	,,	—	—	,,	54	Yes.	
s.s. "Bellatrix"	,, 24	,,	—	—	,,	13	,,	
s.s. "Truro City"	,, 24	,,	—	—	,,	48	,,	
s.s. "Albion Star"	,, 25	,,	Sulphur dioxide.	—	—	—	,,	
s.s. "City of Cairo"	,, 30	,,	—	—	,,	47	No.	
s.s. "Cairngowan"	,, 30	,,	—	—	,,	14	,,	
s.s. "Arno"	Oct. 5	,,	—	—	,,	16	Yes.	
s.s. "Reserv"	,, 6	,,	—	—	,,	9	,,	
s.s. "Rothley"	,, 7	,,	—	—	,,	37	,,	
s.s. "Port Hunter"	,, 10	,,	Sulphur dioxide.	—	—	3	,,	
s.s. "North Devon"	,, 11	,,	,,	—	—	1	,,	
s.s. "Clintonia"	,, 13	,,	,,	—	—	8	,,	
s.s. "Framlington Court"	,, 16	,,	—	—	—	33	,,	
s.s. "Kennebec"	,, 16	,,	—	—	,,	7	No.	
s.s. "Turkestan"	,, 22	,,	Sulphur dioxide.	—	—	—	Yes.	
s.s. "Sailor Prince"	,, 27	,,	—	—	,,	57	No.	
s.s. "Cairnavon"	,, 27	,,	—	—	,,	34	,,	
s.s. "Lorenzo"	Nov. 6	,,	—	—	,,	23	Yes.	
s.s. "Thorpe Grange	,, 9	,,	—	—	,,	2	No.	

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FORM C. PRECAUTIONS AGAINST PLAGUE.—*Continued.*

Name of Vessel.	Date of Arrival.	Whether Infected, Suspected, or from an Infected Port.	Methods of Rat Destruction employed.			Number of Rats Killed.	Whether a Certificate of Deratisation was Issued.	Remarks.
			Fumigation by Sulphur Dioxide.	Fumigation by Hydrocyanic Acid.	Trapping, Poisoning, etc.			
s.s. "Twyford"	,, 12	Suspected	—	—	Trapping	58	Yes.	
s.s. "City of Madrid"	,, 13	,,	—	—	,,	60	,,	528 ✓
s.s. "Cairntorr"	,, 14	,,	—	—	,,	11	No.	
s.s. "Cairnvalona"	,, 14	,,	—	—	,,	3	,,	718 ✓
s.t. "Alexandra"	,, 16	—	—	—	,,	9	Yes.	
s.s. "Glenluss"	,, 16	Suspected	—	—	,,	79	,,	2049 ✓
s.s. "Dara"	,, 18	,,	—	—	,,	51	,,	
s.s. "Treglisson"	Dec. 4	,,	—	—	,,	117	,,	1366
s.s. "Cairndhu"	,, 4	,,	—	—	,,	23	No.	
s.s. "Skogland"	,, 14	,,	—	—	,,	52	Yes.	
s.s. "Mar Rojo"	,, 18	,,	—	—	,,	9	,,	4661 ✓
s.s. "Saxon Star"	,, 29	,,	—	—	,,	33	No.	
s.s. "Cairntorr"	,, 29	,,	—	—	,,	4	,,	
s.s. "Royston Grange"	,, 29	,,	—	—	,,	19	,,	
s.s. "City of Pekin"	,, 16	,,	Sulphur dioxide.	—	—	—	Yes.	
s.s. "Begonia"	,, 23	,,	,,	—	—	—	,,	

122
22
17
161

528

FORM D. VESSELS (OTHER THAN THOSE DEALT WITH IN FORM C), SUBJECTED TO MEASURES OF RAT DESTRUCTION.

Number of Vessels Fumigated by SO_2.	Number of Rats killed.	Number of Vessels Fumigated by H C N.	Number of Rats Killed.	Number of Vessels on which Trapping, Poisoning, etc., were employed.	Number of Rats Killed.	Number of Fumigation Certificates issued on Form "Port 10." *	Number of other Certificates Issued.	Remarks.
22	123	Nil.	Nil.	100	4,538	*22	56	* 22 Fumigation certificates visas issued by American Consul, Newcastle.
—	—	—	—	—	—	—	†17	† 17 Vessels searched and no rats found.

* Form "Port 10" is issued only by the Port Medical Officers of Health of Bristol, Cardiff, Hull, Liverpool, London, Manchester, River Tyne, Southampton, Swansea, and Weymouth for vessels proceeding to U.S.A. Ports.

Advice as to Sickness

on shipboard, and other matters, continue to be received from and forwarded to the Health Departments of other British Port Sanitary Authorities.

Venereal Disease.

The facilities for the free treatment of Venereal Diseases are pointed out to the Masters of Ships on being inspected on arrival in the Tyne. Leaflets for seamen giving information on the dangers of venereal diseases and the facilities for treatment are distributed to the crews by your Inspectors. Also when the occasion arises a printed card which admits to the clinic at the Royal Victoria Infirmary, Newcastle-upon-Tyne, or to the North or South Shields clinics.

Clothing and Bedding.

27 Vessels and several lots of clothing or bedding have been **disinfected.** 1,625 Old beds have been burnt on account of infection.

Passenger Steamers.

The Passenger Steamers arriving continue to be regularly visited and examined.

Smoke Nuisance.

The Inspector reports that it has not been necessary to take any action against Masters of Steamers for the evolution of dense smoke during 1925.

Fishing Boats.

The total arrival of fishing vessels at the Quay, North Shields, steam and sailing, is 8,658* ; 4,244 Trawlers and 4,414 Herring Boats, as compared with a total of 8,326 in the previous year. 43 of these, in a foul condition, were cleansed and deodorized on notice from the Inspector. The rest were in good order.

* From a return courteously furnished by Mr. Thos. MacKenzie, Quay Master, North Shields.

Regulations.

Copies of Regulations issued have, as usual, been posted on all ferry landings, and delivered on board of vessels in the Port.

Cholera and Plague.

No cases of Cholera or Plague occurred in the Port during the year 1925.

Floating Hospital.

The Authority was advised to reserve the Floating Hospital for the isolation and treatment of the more dangerous infectious diseases arriving from foreign ports.

The ordinary infectious diseases namely measles, enteric fever, scarlet fever and diphtheria are now received by the City Infectious Hospital at Walker Gate. This arrangement has proved very successful.

New Cleansing and Disinfecting Station at the Floating Hospital.

The Authority have altered the small East Ward by fitting three cubicles with baths. Infected clothing can be passed from the cubicles to the steam disinfectors and we are now prepared with a cleaning station for any emergency that may occur.

Launches.

The Steam Ambulance Launch "George C. Coates," has done good work in the inspection and disinfection of ships during the year, and the removal of patients from ship to hospital.

The Motor Boat "Veronica" continues to be very useful in the lower reaches of the river.

H.M. Customs and Immigration Staff.

I wish to record our thanks for the valuable assistance given by H.M. Collector of Customs and his staff, also to the Chief Immigration Officer and his staff, who have so willingly co-operated with the Port Sanitary Authority in preventing the importation of disease. Their assistance has been greatly appreciated by all the Officials of the Port Sanitary Authority.

W. EDMUND HARKER, O.B.E., V.D., M.D., D.Hy.,
Surgeon Captain, R.N.V.R.,
Medical Officer.

CALEDONIAN BUILDINGS,
145, PILGRIM STREET, NEWCASTLE-UPON-TYNE,
February, 1926.